

CLAIMS:

1. A mounting device for securing a sink having a sink flange to a countertop, the mounting device comprising:
 - 5 a mounting plate, said mounting plate including a plurality of perforations, wherein said perforations are sufficiently large to permit seaming compound to flow therethrough; and
 - 10 a support member, said support member including a mounting flange and a support flange, wherein said mounting flange is adapted to secure said support member to said mounting plate, and wherein said support flange is adapted to contact and support said sink flange.
2. A mounting device as claimed in claim 1, wherein said mounting plate includes an aperture and said mounting flange includes a slot, and said mounting device includes a bolt and said bolt is adapted to extend through said slot and to be received within said aperture to secure said mounting plate to said mounting flange.
- 15 3. A mounting device as claimed in claim 1, wherein said support flange is adapted to clamp against said sink flange.
- 20 4. A mounting device as claimed in claim 1, wherein said support flange includes a fastener for supporting said sink.
- 25 5. A mounting device as claimed in claim 1, wherein said seaming compound is an acrylic-based compound.
6. A mounting device as claimed in claim 1, wherein said seaming compound is a polyester-based compound.

7. A mounting device as claimed in claim 1, wherein said seaming compound is a cyanoacrylate-based compound.
- 5 8. A mounting device as claimed in claim 1, wherein said seaming compound is a urethane-based compound.
9. A mounting device as claimed in claim 1, wherein said seaming compound is an epoxy compound.
- 10 10. A mounting system for under mount securing a sink to a countertop, the mounting system comprising:
 - a sink, wherein said sink includes at least one sink bowl and at least one sink flange;
 - 15 at least one first layer of seaming compound, wherein said first layer of said seaming compound is applied to the bottom surface of said countertop;
 - 16 a plurality of mounting devices, wherein each mounting device includes a mounting plate, said mounting plate having perforations to enable said first layer of said seaming compound to flow therethrough, and wherein each mounting device includes a support member, said support member includes a mounting flange and a support flange, wherein said mounting flange is adapted for retaining said support member to said mounting plate, and wherein said support flange is adapted to contact said sink flange and support said sink; and
 - 20 wherein said mounting devices are adapted to be spaced horizontally from each other when secured to said countertop.
11. A system as claimed in claim 8, wherein at least one second layer of said seaming compound is generally applied on said mounting device to bond

said mounting plate integrally with said first and second layers of said seaming compound.

12. A method of attaching a mounting device for undermount securing a
5 sink to a countertop, said countertop made from solid material selected from
the group consisting of naturally occurring materials and man-made materials,
comprising:

selecting a sink, said sink includes at least one sink bowl and at least
one sink flange;

10 selecting a seaming compound which seaming compound is intended
for creating seams in said selected solid material;

providing a mounting device, said mounting device including a
mounting plate, said mounting plate including a plurality of perforations
wherein the perforations are sufficiently large to permit said seaming
15 compound to flow therethrough, and wherein each mounting device includes a
support member, said support member including a mounting flange and a
support flange, wherein said mounting flange is adapted for retaining said
support member to said mounting plate, and wherein said support flange is
adapted to contact said sink flange and support said sink;

20 applying a first layer of said selected seaming compound between the
underside of said countertop and the top surface of said mounting device;

bringing said mounting plate into contact with said first layer of said
selected seaming compound; and

25 pressing said plate into said seaming compound to force a portion of
said selected seaming compound to flow through said plurality of perforations;
to bond said mounting plate with said first layer of said seaming compound.

13. The method of attaching a mounting device as claimed in claim 10,
wherein a second layer of said selected seaming compound is applied over
30 said perforations and around the perimeter of said mounting plate to bond

said mounting plate integrally with said first and second layer of said seaming compound.